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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/803,622
				Filing Date	March 18, 2004
				First Named Inventor	John McCafferty, et al.
				Group Art Unit	1639
				Examiner Name	Amber D. Steele
Sheet	1	of	16	Attorney Docket Number	05569.0004.DVUS11

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code ² (if known)			
/ADS/	A1	5,258,289	11/02/1993	Davis, et al.	
	A2	5,534,617	07/09/1996	Cunningham, et al.	
	A3	5,567,610	10/22/1996	Borrebaeck, et al.	
	A4	5,580,717	12/03/1996	Dower, et al.	
	A5	5,698,426	12/16/1997	Huse	
	A6	5,780,225	07/14/1998	Wigler, et al.	
	A7	5,814,476	09/29/1998	Kauffman, et al.	
	A8	5,837,242	11/17/1998	Holliger, et al.	
	A9	5,837,500	11/17/1998	Ladner, et al.	
	A10	5,840,479	11/24/1998	Little, et al.	
	A11	5,855,885	01/05/1999	Smith, et al.	
	A12	5,858,657	01/12/1999	Winter, et al.	
	A13	5,871,907	02/16/1999	Winter, et al.	
	A14	5,935,823	08/10/1999	Fowlkes, et al.	
	A15	5,948,635	09/07/1999	Kay, et al.	
	A16	5,955,358	09/21/1999	Huse	
	A17	6,225,447	05/01/2001	Winter, et al.	
	A18	6,291,650	09/18/2001	Winter, et al.	
/ADS/	A19	7,063,943	06/20/2006	McCafferty, et al.	
	A20	7,195,866	03/27/2007	Griffiths, et al.	

U.S. PUBLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
/ADS/	B1	EP 436597 B1	04/02/1997	Protein Engineering Corporation		
/ADS/	B2	GB 91/25579.4	02/12/1991	Cambridge Antibody Technology Ltd.		
/ADS/	B3	GB 91/25582.8	02/12/1991	Cambridge Antibody Technology Ltd.		
/ADS/	B4	WO 92-01047	01/23/1992	Cambridge Antibody Technology Ltd.		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
	C1	U.S. Appl. No. 08/484,893 Advisory Action dated November 3, 1997	
	C2	U.S. Appl. No. 08/484,893 Final office action dated March 28, 1997	
	C3	U.S. Appl. No. 08/484,893 Non-final office action dated July 20, 1999	
	C4	U.S. Appl. No. 08/484,893 Non-Final office action dated June 17, 1996	
	C5	U.S. Appl. No. 08/484,893 Non-final office action dated June 9, 1998	
	C6	U.S. Appl. No. 08/484,893 Notice of Allowance dated March 29, 2000	
	C7	U.S. Appl. No. 08/484,893 Restriction Requirement dated December 7, 1998	
	C8	U.S. Appl. No. 09/196,522 Examiner's Amendment dated January 28, 2004	
	C9	U.S. Appl. No. 09/196,522 Restriction Requirement dated November 27, 1999	
	C10	U.S. Appl. No. 09/196,522 Non-final office action dated April 20, 2000	
	C11	U.S. Appl. No. 09/196,522 Non-final office action dated January 3, 2001	
	C12	U.S. Appl. No. 09/196,522 Notice of Allowance dated May 3, 2004	
	C13	U.S. Appl. No. 09/196,586 Advisory Action dated December 5, 2008	
	C14	U.S. Appl. No. 09/196,586 Advisory Action dated May 4, 2007	
	C15	U.S. Appl. No. 09/196,586 Final office action dated September 22, 2006	
	C16	U.S. Appl. No. 09/196,586 Final office action dated April 17, 2001	
	/ADS/	C17	U.S. Appl. No. 09/196,586 Final office action dated December 22, 2004

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/ADS/	C18	U.S. Appl. No. 09/196,586 Final office action dated September 15, 2008	
	C19	U.S. Appl. No. 09/196,586 Non final office action dated April 10, 2000	
	C20	U.S. Appl. No. 09/196,586 Non-final office action dated April 4, 2002	
	C21	U.S. Appl. No. 09/196,586 Non-final office action dated December 28, 2005	
	C22	U.S. Appl. No. 09/196,586 Non-Final office action dated January 9, 2008	
	C23	U.S. Appl. No. 09/196,586 Non-final office action dated May 19, 2004	
	C24	U.S. Appl. No. 09/196,586 Restriction Requirement dated December 21, 1999	
	C25	U.S. Appl. No. 09/196,673 Advisory Action dated November 6, 2002	
	C26	U.S. Appl. No. 09/196,673 Advisory Action dated March 24, 2003	
	C27	U.S. Appl. No. 09/196,673 Final office action dated December 22, 2004	
	C28	U.S. Appl. No. 09/196,673 Final office action dated May 14, 2002	
	C29	U.S. Appl. No. 09/196,673 Non-final office action dated April 11, 2000	
	C30	U.S. Appl. No. 09/196,673 Non-final office action dated January 18, 2001	
	C31	U.S. Appl. No. 09/196,673 Non-final office action dated March 4, 2004	
	C32	U.S. Appl. No. 09/196,673 Notice of Allowance dated November 3, 2005	
	C33	U.S. Appl. No. 09/196,673 Restriction Requirement dated December 21, 1999	
	C34	U.S. Appl. No. 09/309,639 Non-final office action dated January 3, 2001	
	C35	U.S. Appl. No. 09/309,639 Official communication dated August 22, 2003	
	C36	U.S. Appl. No. 09/309,639 Restriction Requirement dated September 1, 2000	
	C37	U.S. Appl. No. 09/416,902 Advisory Action dated September 6, 2006	
	C38	U.S. Appl. No. 09/416,902 Final office action dated March 10, 2006	
	C39	U.S. Appl. No. 09/416,902 Non-final office action dated July 28, 2005	
	C40	U.S. Appl. No. 09/416,902 Non-final office action dated August 16, 2007	
	C41	U.S. Appl. No. 09/416,902 Non-final office action dated February 3, 2009	
	C42	U.S. Appl. No. 09/416,902 Non-final office action dated September 19, 2008	
	C43	U.S. Appl. No. 09/416,902 Notice of Allowance dated February 4, 2008	
	C44	U.S. Appl. No. 09/416,902 Restriction Requirement dated September 18, 2000	
	C45	U.S. Appl. No. 09/417,478 Advisory Action dated January 29, 2007	
	C46	U.S. Appl. No. 09/417,478 Final office action dated April 1, 2009	
	C47	U.S. Appl. No. 09/417,478 Final office action dated December 14, 2007	
	C48	U.S. Appl. No. 09/417,478 Final office action dated July 5, 2006	
	C49	U.S. Appl. No. 09/417,478 Non-final office action dated January 20, 2000	
	C50	U.S. Appl. No. 09/417,478 Non-final office action dated June 12, 2008	
	C51	U.S. Appl. No. 09/417,478 Non-final office action dated May 17, 2007	
	C52	U.S. Appl. No. 09/417,478 Non-final office action dated November 20, 2000	
	C53	U.S. Appl. No. 09/417,479 Non-final office action dated May 3, 2006	
/ADS/	C54	U.S. Appl. No. 09/417,479 Restriction Requirement dated June 26, 2000	

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Sheet	4	of	16	Attorney Docket Number	05569.0004.DVUS11

/ADS/	C55	U.S. Appl. No. 09/706,507 Non-final office action dated May 5, 2006	
	C56	U.S. Appl. No. 09/706,507 Restriction Requirement dated May 21, 2001	
	C57	U.S. Appl. No. 09/726,219 Non-final office action dated August 12, 2003	
	C58	U.S. Appl. No. 09/726,219 Notice of Allowance dated February 25, 2004	
	C59	U.S. Appl. No. 09/726,219 Restriction Requirement dated March 12, 2003	
	C60	U.S. Appl. No. 07/971,857 Advisory Action dated August 15, 1996	
	C61	U.S. Appl. No. 07/971,857 Examiner's Interview Summary Record dated December 13, 1996	
	C62	U.S. Appl. No. 07/971,857 Examiner's Interview summary Record dated April 24, 1997	
	C63	U.S. Appl. No. 07/971,857 Final office action dated April 23, 1996	
	C64	U.S. Appl. No. 07/971,857 Non-final office action dated June 30, 1995	
	C65	U.S. Appl. No. 07/971,857 Notice of Allowance dated July 23, 1997	
	C66	U.S. Appl. No. 07/971,857 Response to 312 Amendment dated April 20, 1999	
	C67	U.S. Appl. No. 10/803,653 Advisory Action dated October 11, 2007	
	C68	U.S. Appl. No. 10/803,653 Final office action dated May 8, 2007	
	C69	U.S. Appl. No. 10/803,653 Final office action dated November 5, 2008	
	C70	U.S. Appl. No. 10/803,653 Non-final office action dated January 18, 2008	
	C71	U.S. Appl. No. 10/803,653 Non-final office action dated October 4, 2006	
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	C73	U.S. Appl. No. 11/555,464 Non-final office action dated March 5, 2009	
/ADS/	C74	U.S. Appl. No. 11/555,519 Non-final office action dated March 5, 2009	
/ADS/	C75	Abbas, et al. , "Cellular and Molecular Immunology," Saunders, Third Edition, p. 412 (1997)	
/ADS/	C76	Alberts, et al. , "Molecular Biology of the Cell," Garland Publications, Third Edition, p. 96 (1994)	
/ADS/	C77	Avrameas and Ternynck , "Natural Antibodies," in Delves, P., and I. Roitt, The Encyclopedia of Immunology, Second Edition, Academic Press, pp. 1806-1809 (1998)	
/ADS/	C78	Barbas, et al. , "Assembly of Combinatorial Antibody Libraries on Phage Surfaces: The Gene III Site," Proc. Natl. Acad. Sci. (USA), Vol. 88, pp. 7978-7982 (1991)	
/ADS/	C79	Barbas, et al. , "Combinatorial Immunoglobulin Libraries on the Surface of Phage (Phabs): Rapid Selection of Antigen Specific Fabs," Methods: Companion Methods Enzymol., Vol. 2, pp. 119 (1991)	
/ADS/	C80	Beidler, et al. , "Cloning and High Level Expression of a Chimeric Antibody with Specificity for Human Carcinoembryonic Antigen," J. Immunology, Vol. 141, pp. 4053-4060 (1988)	

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/ADS/	C81	Berborowicz and Jaroszewski , "Carcinoembryonic Antigen as an Autoantigen," Immunol. Ser., Vol. 52, pp. 65-83 (1982)	
/ADS/	C82	Berzofsky, et al. , "Antigen-Antibody Interactions and Monoclonal Antibodies," in Paul, W., Fundamental Immunology, Second Edition, Chapter 12, pp. 332 (see also, Fourth Edition, 1994 (1999) Chapter 4, p. 91)	
/ADS/	C83	Beste, G., et al. , "Small Antibody-like Proteins with Prescribed Ligand Specificities Derived from the Lipocalin Fold," Sci. USA, Vol. 96, No. 5, pp. 1898-19903, ISSN 0027-8424 (1999) Abstract	
/ADS/	C84	Boerner, et al. , "Production of Antigen-Specific Human Monoclonal Antibodies From in Vitro-Primed Human (Splenocytes)," J. Immunol. Vol. 147, pp. 86-95 (1991)	
/ADS/	C85	Breitling, et al. , "A Surface Expression Vector for Antibody Screening," Gene, Vol. 104, pp. 147-153 (1991)	
/ADS/	C86	Buck , Cell Biology, Vol. 3, pp. 179-188 (1992)	
/ADS/	C87	Burton, et al. , "A Large Array of Human Monoclonal Antibodies to Type 1 Human Immunodeficiency Virus from Combinatorial Libraries of Asymptomatic Seropositive Individuals," Proc. Natl. Acad. Sci., Vol. 88, pp. 10134-10137 (1991)	
/ADS/	C88	Casali and Notkins , "Probing the Human [B-cell] Repertoire with EBV: Polyreactive Antibodies and CD5+ B Lymphocytes," Ann. Rev. Immunol., Vol. 7, pp. 513-535 (1989)	
/ADS/	C89	Chang, et al. , "Expression of Antibody Fab Domains on Bacteriophage Surfaces: Potential Use of Antibody Selection," J. Immunol., Vol. 1047, pp. 3610-3614 (1991)	
/ADS/	C90	Cohen, P. L. , "Systemic Autoimmunity," in Paul, W., Fundamental Immunology, Fourth Edition, Lippincott-Raven, p. 1608 (1997).	
/ADS/	C91	Delves, P.J. , "Autoimmunity," in Delves, P. and I. Roitt, The Encyclopedia of Immunology, Second Edition, Academic Press, p. 292 (1998)	
/ADS/	C92	Dighiero, et al. , "Naturally Occurring Autoantibodies Against Nine Common Antigens in Human Sera," J. Immunol., Vol. 218, No. 128, pp. 2788-2792 (1982)	
/ADS/	C93	Fomsgaard, et al. , "Auto-antibodies to Tumor Necrosis Factor in Healthy Humans and Patients with Inflammatory Diseases and Gram-Negative Bacterial Infections," Scand. J. Immunol., Vol. 30, pp. 219-223 (1989)	
/ADS/	C94	Golub, E. , "The Limits of Medicine: How Science Shapes our Hope for the Cure," Times Books/Random House, p. 117-120 (1994)	
/ADS/	C95	Golub, E., and Green, D. , "Immunology: A Synthesis," Sinauer Associates, Second Edition, p. 531 (1991)	
/ADS/	C96	Goodnow, et al. , "Altered Immunoglobulin Expression and Functional Silencing of Self-Reactive B Lymphocytes in Transgenic Mice," Nature, Vol. 334, pp. 676-682 (1988)	

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/ADS/	C97	Gram, et al. , "In vitro Selection and Affinity Maturation of Antibodies from a Naïve Combinatorial Immunoglobulin Library," Proc. Natl. Acad. Sci USA, Vol. 89, pp. 3576-3580 (1992)	
/ADS/	C98	Griffiths, et al. , "Human Anti-Self Antibodies with High Specificity from Phage Display Libraries, EMBO J., Vol. 12, pp. 725-734 (1993)	
/ADS/	C99	Griffiths, et al. , "Isolation of High Affinity Human Antibodies Directly from Large Synthetic Repertoires," EMBO J., Vol. 13, pp. 3245-3260 (1994)	
/ADS/	C100	Guilbert, et al. , "Naturally Occurring Antibodies Against Nine Common Antigens in Human Sera," J. Immunol., Vol. 128, pp. 2779-2787 (1982)	
/ADS/	C101	Hartley, O. , "The Use of Phage Display in the Study of Receptors and Their Ligands," J. of Receptors and Signal Transduction, Vol. 22, Nos. 1-4, pp. 373-393 (2002)	
/ADS/	C102	Hartman and Wright , "Identification of Autoantibodies Specific for the Neutrophil Adhesion Glycoproteins CD11b/CD18 in Patients with Autoimmune Disease (Neutroenia," Blood, Vol. 78, pp. 1096-1104 (1991)	
/ADS/	C103	Hirohata, et al. , "Frequency Analysis of Human Peripheral Blood B Cells Producing IGM-Rheumatoid Factor," J. Immunol., Vol. 145, pp. 1681-1686 (1990)	
/ADS/	C104	Holness, et al. , Journal of Cell Science, Vol. 107, pp. 2065-2070 (1994)	
/ADS/	C105	Hoogenboom, et al. , "Building Antibodies from their Genes," Rev. Fr. Transfus. Hemobiol., Vol. 36, pp. 19-47 (1993)	
/ADS/	C106	Hoogenboom, et al. , "Multi-Subunit Proteins on the Surface of Filamentous Phage: Methodologies for Displaying Antibody (Fab) Heavy and Light Chains," Nucl. Acids Res., Vol. 19, pp. 4133-4137 (1991)	
/ADS/	C107	Huse , "Combinatorial Antibody Expression Libraries in Filamentous Phage," Chapter 5 of Antibody Engineer, Borrebaeck (ed.), W.H. Freeman and Co. N.Y. (1992)	
/ADS/	C108	International Search Report of European Patent Application No. 04005419.9 dated August 9, 2004 ref cited in search report not considered	
	C109	Jacobsson, K, et al., "Shot-gun Phage Display Mapping of Two Streptococcal Cell Surface Proteins," Microbial Research, Vol. 152, No. 2, pp. 121-128, ICGN 0044-4013 (1997) Abstract	
/ADS/	C110	Kaushik, et al. , "Comparative Analysis of Natural Antibody Specificities Among Hybridomas Originating from Spleen and Peritoneal Cavity of Adult NZB and BALB/c Mince," Scand. J. Immunol., Vol. 27, pp. 461-471 (1988)	
/ADS/	C111	Klein and Horejsi , "Immunology" [Chapter 20, "immunological Tolerance"], Blackwell Scientific, Second Edition, p. 527 (1997)	
/ADS/	C112	Koga, et al. , "Mouse-Human Chimeric Monoclonal Antibody to Carcinoembryonic Antigen (CEA): In Vitro and In Vivo Activities," Hybridoma, Vol. 9, pp. 43-56 (1990)	

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	C113	Landsteiner, K., "The Specificity of the Immune Response," quoted in Golub, E., Immunology: A Synthesis, Cimaue Associates, p. 19-25 [1994 book] (1987)	
/ADS/	C114	Lehninger, et al., Principles of Biochemistry, 2nd ed., Title Page, copy right page and p. G-4 only (1993)	
/ADS/	C115	Lobel, L.I., et al., "Filamentous Phage Displaying the Extracellular Domain of the hLH/CG Receptor Bind hCG Specifically," Endocrinology, Vol. 138, No. 3, pp. 1232-1239, ISSN: 0013-7227 (1997) Abstract	
/ADS/	C116	Logtenberg, et al., "Analysis of the Human Tonsil B Cell Repertoire by Somatic Hybridization: Occurrence of Both "Monospecific" and "Multispecific" (auto) Antibody-Secreting Cells," Eur. J. Immunol., Vol. 17, pp. 855-859 (1987)	
/ADS/	C117	Lydyard, et al., "The Antibody Repertoire of Early Human B Cells," Scand. J. Immunol., Vol. 31, pp. 33-43 (1990)	
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/ADS/	C119	Marks, et al., "Molecular Evolution of Proteins on Filamentous Phage," J. Biol. Chem., Vol. 267, p. 16007-16010 (1992)	
/ADS/	C120	McCafferty, J., et al., "Phage-Enzymes: Expression and Affinity Chromatography of Functional Alkaline Phosphatase on the Surface of Bacteriophage," Protein Engineering, Vol. 4, No. 8, pp. 955-961 (1991)	
/ADS/	C121	McHeyzer-Williams, et al., "Clonal Analysis of Autoantibody-Producing Cell Precursors in the Preimmune B Cell Repertoire," J. Immunol., Vol. 141, pp. 4118-4123 (1988)	
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/ADS/	C123	Nemazee and Burk, "Clonal Deletion of B Lymphocytes in a Transgenic Mouse Bearing Anti-MHC Class I Antibody Genes," Nature, Vol. 377, pp. 562-566 (1989)	
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/ADS/	C125	Nossal, G.V.J., "Cellular Mechanisms of Immune[ologic] Tolerance," Ann. Rev. Immunol., Vol. 1, pp. 33-62 (1983)	
/ADS/	C126	Nossal, G.V.J., "Molecular and Cellular Aspects of Immunologic Tolerance," Eur. J. Biochem., Vol. 202, pp. 729-737 (1991)	
/ADS/	C127	Persson, et al., "Generation of Diverse High-Affinity Human Monoclonal Antibodies by Repertoire Cloning," Proc. Natl. Acad. Sci., Vol. 88, pp. 2432-2436 (1991)	

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				Application Number	10/803,622
				Filing Date	March 18, 2004
				First Named Inventor	John McCafferty, et al.
				Group Art Unit	1639
				Examiner Name	Amber D. Steele
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/ADS/	C128	Roitt, et al. , Immunology, Second Edition, 1989, Ivan Roitt, et al., Gower Publishing, New York, p. 51 (1989)	
/ADS/	C129	Ruf., et al. , "Various Expressions of a Unique Anti-Human Thymoglobulin Antibody Repertoire in Normal State and Autoimmune Disease," Blood, Vol. 78, pp. 1096-1104 (1991)	
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/ADS/	C135	Weidanz, J.A., et al. , "Display of Functional Alphabets Single-Chain T-Cell Receptor Molecules on the Surface of Bacteriophage," J. Immunol. Methods, Vol. 221, (1-2), pp. 59-76, ISSN 0022-1759 (1998) Abstract	
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/ADS/	C139	Promega Technical Bulletin , printed January 11, 2008, revised December 2006, pGEM-3ZF(-) Vector, 9 pages	
/ADS/	C140	Stratagene Instruction Manual , printed January 11, 2008, revised 2003, pBluescript II Phagemic Vectors, 37 pages	
/ADS/	C141	First Amended Complaint, Filed March 8, 2002 - Morphosys AG v. Cambridge Antibody Technology Limited, Case No. 1:00-CV-00146 (24 pages) (U.S. District Court, District of Columbia)(signed by John S. Skilton, Attorney for Plaintiff.)	
/ADS/	C142	Cambridge Antibody Technology Limited's Answer to First Amended Complaint, Filed March 22, 2002 - Morphosys AG v. Cambridge Antibody Technology Limited, Case No. 1:00-CV-00146 (30 pages) (U.S. District Court, District of Columbia)(signed by Brian H. Corcoran, Attorney for Defendant).	

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/ADS/	C143	Il'ichev, A.A., et al. , "M13 Filamentous Bacteriophage in Protein Engineering", Molekulyarnaya Biologiya, Vol. 24, No. 2, pp. 530-535, (March-April 1990).	
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/ADS/	C145	Deposition Transcript of David W. Clough, taken April 19, 2002 (Morphosys AG v. Cambridge Antibody Technology Limited, U.S. District Court, Northern District of Illinois, Eastern Division).	
/ADS/	C146	E.I. du Pont de Nemours v. Cetus Corp., 19 USPQ2d 1174, (DC N.Cal. 1990).	
/ADS/	C147	OddzOn Products Inc. v. Just Toys Inc., 43 USPQ2d 1641(CAFC 1997).	
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/ADS/	C149	Deposition Transcript of Dr. David Chiswell, taken 29 April 2002; Morphosys AG v. Cambridge Antibody Technology Limited, Case No. 1:00-CV-00146 (30 pages) (U.S. District Court, District of Columbia.)	
/ADS/	C150	Deposition Transcript of Dr. Gregory Paul Winter, taken April 30, 2002; Morphosys AG v. Cambridge Antibody Technology Limited, Case No. 1:00-CV-00146 (30 pages) (U.S. District Court, District of Columbia.)	
/ADS/	C151	Vol. I - Deposition Transcript of Sean Malcolm Walton, taken 01 May 2002, Morphosys AG v. Cambridge Antibody Technology Limited, Case No. 1:00-CV-00146 (30 pages) (U.S. District Court, District of Columbia.)	
/ADS/	C152	Vol. II - Deposition Transcript of Sean Malcolm Walton, taken 02 May 2002, Morphosys AG v. Cambridge Antibody Technology Limited, Case No. 1:00-CV-00146 (30 pages) (U.S. District Court, District of Columbia.)	
/ADS/	C153	Declaration of George P. Smith, Ph.D., Under 37 C.F.R. § 1.132, executed 30 June 1995 (submitted during the prosecution of U.S. Application No. 08/322,352).	
/ADS/	C154	Declaration of Brian K. Kay, Ph.D., executed 28 June 1998, (submitted during the prosecution of European Appln. No. 91913039.3)	
/ADS/	C155	Abstract of George P. Smith, Grant No. 1R01GM41478-01A1, Project Start Date: July 1, 1989, Dept. of Health & Human Services.	
/ADS/	C156	Smith Grant Application, entitled: "Filamentous Phage Physiology", dated November 1, 1988	
/ADS/	C157	<u>Northern Telecom Inc. v. Datapoint Corp.</u> , 15 USPQ 1321., (CAFC 1990). Letter of Dr. Smith Re: NIH grant proposals, Dated June 27, 1997	
/ADS/	C158	Letter of Dr. Smith Re: NIH grant proposals dated June 27, 1997	

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/ADS/	C159	Barbas and Lerner "Combinatorial Immunoglobulin Libraries on the surface of phage (Phabs): rapid selection of anti-specific fabs." Methods: a companion to methods in Enzymology Vol. 2 (2): 119-124 (1991).	
/ADS/	C160	Interlocutory Decision in Opposition Proceedings to the European Patent EP-B-0589877 dated April 15, 2002 (reference number SMW/CP9503921)	
/ADS/	C161	Notice of Appeal to the European Patent EP-B-0589877 from Dyax Corp., filed Jun. 17, 2002	
/ADS/	C162	Communication from EPO on Notice of Appeal filed by Dyax, issued October 21, 2002	
/ADS/	C163	Notice of Appeal to the European Patent EP-B-0589877 from BioInvent Therapeutic AB, filed June 14, 2002	
/ADS/	C164	Appeal No. T0639/02-334 from BioInvent Therapeutic AB to the European Patent EP-B-0589877, filed August 22, 2002	
/ADS/	C165	Notice of Appeal to the European Patent EP-B-0589877 from MorphoSys AG filed June 20 2002 and Grounds of the Appeal filed August 22, 2002	
/ADS/	C166	Notice of Appeal filed June 24, 2002 and Grounds of Appeal filed August 22, 2002 from Cambridge Antibody Technology Limited against the Decision of the Opposition Division	
/ADS/	C167	Notice of Opposition to the European Patent EP-B-0589877 from BioInvent International AB, filed October 24 2002	
/ADS/	C168	Document D80 in Appeal No. T0639/02-334: HHS' Freedom of Information Act (FOIA) regulations: table of contents, 5.1, 5.2, 5.3, 5.5, 5.21, 5.22, 5.24, 5.31, 5.32, 5.33, 5.34, 5.35, 5.51, 5.61 and 5.65	
/ADS/	C169	Document D81 in Appeal No. T0639/02-334: Smith Declaration	
/ADS/	C170	Document D82 in Appeal No. T0639/02-334: Copy of Grant Application GM 41478 and renewal applications supplied by the DHH	
/ADS/	C171	Document D83 in Appeal No. T0639/02-334: Letter dated 26 August 1999 from Cambridge Antibody Technology Ltd in opposition proceedings against EP 0 527 839	
/ADS/	C172	Document D85 in Appeal No. T0639/02-334: Proprietor's letter of 12 November 1997 and amended claims	
/ADS/	C173	Document D86 in Appeal No. T0639/02-334: EP 0774 511 A1	
/ADS/	C174	Document D87 in Appeal No. T0639/02-334: Proprietor's letter of 15 November 2000	
/ADS/	C175	Document D88 in Appeal No. T0639/02-334: Grounds of Appeal dated 22 August 2002 from present opponent in opposition proceedings against EP 0589 877	
/ADS/	C176	Document D89 in Appeal No. T0639/02-334: OD's Written Interlocutory Decision in opposition proceedings against EP 0 589 877	

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/ADS/	C177	Document D90 in Appeal No. T0639/02-334: Marvin & Hohn (1969). Bacteriological Rev 33(2), 172-209	
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/ADS/	C182	Document D17: Vieira and Messing (1987), Methods Enzymol. 153, 3-11	
/ADS/	C183	Document D27: Details of Smith Grant application and second and third year renewals thereof as provided by the DHHS in response to a Freedom to Information Act (FOIA) request	
/ADS/	C184	Notice of Opposition to the European Patent EP-B-0589877 from Dyax Corp.	
/ADS/	C185	Document D1: EPO register print-out for the patent application with file history information	
/ADS/	C186	Document D3: Claims filed with the divisional application	
/ADS/	C187	Document D7: Pluckthun and Skerra, "Expression of functional antibody Fv and Fab fragments in Escherichia coli," Methods in Enzymology, Vol. 178 (1989), pages 497-515	
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/ADS/	C194	Opposition to European patent EP-B-0589877, cited opposition document D6: Schnee et al. "Construction and expression of a recombinant antibody-targeted plasminogen activator", Proc. Natl. Acad. Sci. USA 84:6904-6908 (1987)	
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/ADS/	C199	Opposition to European patent EP-B-0589877, cited opposition document D26: Scott and Smith "Searching for peptide ligands with an epitope library", Science 249: 386-389 (1990)	
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/ADS/	C204	Opposition to European patent EP-B-0589877, cited opposition document D41: Kay et al. "Phage display of peptides and proteins", A laboratory Manual (1996) (Cover page and Foreward enclosed)	

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/ADS/	C205	Opposition to European patent EP-B-0589877, cited opposition document D42: Proba et al. "A natural antibody missing a cysteine in VH: consequences for thermodynamic stability and folding", J. Mol. Biol. 265: 161-172 (1997)	
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/ADS/	C209	Opposition to European patent EP-B-0589877, cited opposition document D46: Letter of 22 September 1994 to EPO from Plougmann & Vingtoft in prosecution of EP-B-0 768 377	
/ADS/	C210	Opposition to European patent EP-B-0589877, cited opposition document D47: Extract from OD Decision in opposition proceedings against EP-B-0 201 184, (1995)	
/ADS/	C211	Opposition to European patent EP-B-0589877, cited opposition document D48: Letter of 14 February 1996 to EPO from Hepworth, Lawrence, Bryer & Bizley in prosecution of EP-A-0 527 839, 1996	
/ADS/	C212	Opposition to European patent EP-B-0589877, cited opposition document D49: the Boards of Appeal of the European Patent Office decision of 8 May 1996, case number T694/92 – 3.3.4	
/ADS/	C213	Opposition to European patent EP-B-0589877, cited opposition document D50: Extract from opposition proceeding against EP-B-0 349 578 (1996)	
/ADS/	C214	Opposition to European patent EP-B-0589877, cited opposition document D51: Extract from OD Decision in proceedings against EP-B-0 349 578 (1998)	
/ADS/	C215	Opposition to European patent EP-B-0589877, cited opposition document D53: Declaration of professor sir Aaron Klug, Ph.D. with exhibits, (23 June 1998)	
/ADS/	C216	Opposition to European patent EP-B-0589877, cited opposition document D54: preprint of paper by Scott and Smith submitted to Science, date of availability to public unproven	
/ADS/	C217	Opposition to European patent EP-B-0589877, cited opposition document D55: Smith grant application, date of availability to public unproven	
/ADS/	C218	Opposition to European patent EP-B-0589877, late filed document D56: claim for infringement of 24 September 1998, from Cambridge Antibody Technology Limited to EPO	

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/ADS/	C219	Opposition to European patent EP-B-0589877, late filed document D58: McConnell et al. "Constrained peptide libraries as a tool for finding mimotopes", Gene 151: 115-118 (1994).	
/ADS/	C220	Opposition to European patent EP-B-0589877, late filed document D59: two chapters of "Lambda II" (eds. Hendrix et al.) Cold Spring Harbour Laboratory, Cold Spring Harbour, New York, 1983: "A Beginner's Guide to Lambda Biology" (Arber) (pp. 381-395) and "Tail Assembly and Injection" (Katsura)(pp. 331-346).	
/ADS/	C221	Opposition to European patent EP-B-0589877, late filed document D60: Parmley & Smith "Filamentous fusion phage cloning vectors for the study of epitopes and design vaccines", Adv. Exp. Med. Biol. 251: 251-8 (1989). The document was not admitted to the proceedings.	
/ADS/	C222	Opposition to European patent EP-B-0589877, late filed document D63: Declaration of William D. Huse, MD, Ph.D. (17 August 1999). The document was not admitted to the proceedings.	
/ADS/	C223	Opposition to European patent EP-B-0589877, late filed document D66: Crissman & Smith, "Gene-III protein of filamentous phages: evidence for a carboxyl-terminal domain with a role in morphogenesis", Virology 132: 445-455 (1994).	
/ADS/	C224	Opposition to European patent EP-B-0589877, late filed document D67: Declaration of Dr. Viia Valge-Archer (3 May, 2000)	
/ADS/	C225	Opposition to European patent EP-B-0589877, late filed document D68: Declaration of Dr. Hiroshi Ueda (3 May, 2000)	
/ADS/	C226	Opposition to European patent EP-B-0589877, late filed document D69: First Declaration of Dr. Rachel B. Kent (4 February, 2000). The document was objected to by patentees.	
/ADS/	C227	Opposition to European patent EP-B-0589877, late filed document D71: letter of patentees filed at USPTO on 16 July 1996. The document was objected to by patentees.	
/ADS/	C228	Opposition to European patent EP-B-0589877, late filed document D72: letter of patentees filed at USPTO on 6 March 1997. The document was objected to by patentees.	
/ADS/	C229	Opposition to European patent EP-B-0589877, late filed document D73: Opposition by CAT against EP-B-0 564 531 The document was objected to by patentees.	
/ADS/	C230	Opposition to European patent EP-B-0589877, late filed document D74: Decision of EPOD on EP-B-0 201 184. The document was objected to by patentees.	
/ADS/	C231	Opposition to European patent EP-B-0589877, late filed document D75: Declaration of Prof. Andreas Plückhun (3 May, 2000). The document was objected to by patentees.	

Examiner Signature	/Amber D. Steele/	Date Considered	07/31/2009
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/803,622
				Filing Date	March 18, 2004
				First Named Inventor	John McCafferty, et al.
				Group Art Unit	1639
Examiner Name	Amber D. Steele				
Attorney Docket Number	05569.0004.DVUS11				
Sheet	15	of	16		

/ADS/	C232	Opposition to European patent EP-B-0589877, late filed document D76: Notice of grant awarded to Smith grant application. The document was objected to by patentees.	
/ADS/	C233	Opposition to European patent EP-B-0589877, late filed document D77: Endemann and Model "Location of filamentous phage minor coat proteins in phage and in infected cells", J. Mol. Biol. 250: 496-506 (1995). The document was objected to by patentees.	
/ADS/	C234	Opposition to European patent EP-B-0589877, late filed document D79: Extract from MorphoSys website.	
/ADS/	C235	Opposition to European patent EP-B-0589877, late filed document D80: Written Decision dated 26 May 2000 to revoke EP-B-0436597.	
/ADS/	C236	Opposition to European patent EP-B-0589877, late filed document D81: 2nd Declaration of Dr. Viia Valge-Archer (31 May, 2000).	
/ADS/	C237	Complaint filed 4/23/99	
/ADS/	C238	First Amended Complaint filed 5/6/99	
/ADS/	C239	Defendant Cambridge Antibody Technology, Limited's Motion to Dismiss plaintiff MorPhosys Ag's Complaint filed 06/8/99	
/ADS/	C240	Response of Plaintiff MorPhoSys Ag to Cambridge Antibody Technology Ltd's First Set of Interrogatories and Request for Production of Documents and Things filed 10/18/99	
/ADS/	C241	Plaintiff's Supplemental Answer to Interrogatory No. 2	
/ADS/	C242	Response of Plaintiff-MorphoSys AG to Cambridge Antibody Technology Ltd.'s First Set of Interrogatories and Request for Production of Documents and Things filed 3/27/00	
/ADS/	C243	Response of Plaintiff MorPhoSys AG to Cambridge Antibody Technology Ltd.'s Second set of Interrogatories filed 7/3/00	
/ADS/	C244	Response of MorPhoSys AG to Cambridge Antibody Technology's Third Set of Interrogatories filed 8/14/00	
/ADS/	C245	Declaration of Edward S. Golub, Ph.D. in Support of MorPho Sys Motion for Partial Summary Judgment of Noninfringement filed 9/1/00	
/ADS/	C246	Edward S. Golub, Ph.D. Curriculum Vitae	
/ADS/	C247	Expert Report of Edward S. Golub, Ph.D. dated 6/00 (with Exhibit 1) E. S. Golub Curriculum Vitae-Exhibit 2 E.S. Golub Validity Report and Exhibit 3 Declaration of E.S. Golub regarding Immunological Concepts	
/ADS/	C248	Rebuttal Expert Report of Edward S. Golub, Ph.D.	
/ADS/	C249	Reply of Edward S. Golub, Ph.D. to Rebuttal Expert Reports of Edward P. Cohen, M.D. and Ronald H. Jackson, Ph.D. dated 08/01/00	

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				Application Number	10/803,622
				Filing Date	March 18, 2004
				First Named Inventor	John McCafferty, et al.
				Group Art Unit	1639
				Examiner Name	Amber D. Steele
Sheet	16	of	16	Attorney Docket Number	05569.0004.DVUS11

/ADS/	C250	Declaration of Carlos F. Barbas III, Ph.D. in Support of MorphoSys Motion for Partial Summary Judgment of Noninfringement filed 9/1/00	
/ADS/	C251	Carlos F. Barbas III, Ph.D. Curriculum Vitae	

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